

Evaluation Report for Category B, Subcategory 4.1 Application

Application Number: 2014-3551
Application: B.4.1 - Conversion to Full Registration Without Consultation
Product: Spiromesifen Technical Insecticide-Miticide
Registration Number: 28589
Active ingredients (a.i.): Spiromesifen
PMRA Document Number: 2668127

Purpose of Application

The purpose of this application was to convert the conditional registration of Spiromesifen Technical Insecticide-Miticide to full registration. The new condition of registration was additional information to further characterize the potential risk to bee colony. Refer to PMRA registration documents ERC2007-08 and RD2012-15 and PRD 2011-18 and RD2012-15: Spiromesifen for background and details of the registration.

Chemistry, Health and Value Assessments

Chemistry, health and value assessments were not required for this application.

Environmental Assessment

Information on environmental fate and toxicity from outdoor and greenhouse use can be found in the PMRA registration decision documents ERC2007-08 and RD2012-15. Based on the review of the additional information submitted to the PMRA under these applications regarding potential exposure and effects of spiromesifen on pollinators and the current mitigation measures on the product labels to reduce pollinator exposure, there are no bee colony effects expected. Therefore, the PMRA supports full registration.

Conclusion

PMRA has reviewed the information provided in support of converting the registration from conditional to full. Based on this review, the subject product is acceptable for full registration.

References

- PMRA 2666945** 2014. Evaluation of common ornamental plants sold in the USA for attractiveness to Honey Bees (*Apis mellifera*).
- PMRA 2666944** 2014. Crop Characteristics and Environmental Factors that Influence Attractiveness to Bees in Ten US Commodities including Canola, Almond, Citrus, Soybean, Cucurbit, Cotton, Strawberry, Corn, Potato and Wheat.

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